

## VOCATIONAL EDUCATION GRADES 7-12

### SEVENTH GRADE

	<u>Abbreviation/Code</u>	<u>VEPC</u>	<u>Endorsement/Employment Standards</u>
<b><i>Foundations of Technology (1)</i></b>	<b><i>Found Tech 0735</i></b>	<b><i>TEE</i></b>	<b><i>001, 007, 013, 014, 015, 016, 017, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T &amp; I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications for interim C or E.</i></b>
<p>(1) Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480). In addition, instructors having only endorsements 001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.</p> <p>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundation of Technology course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</p>			
<b><i>Teen Living</i></b>	<b><i>Tn Liv</i></b>	<b><i>0739</i></b>	<b><i>FCS 050, 450</i></b>

### VEPC -- Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

# **EIGHTH GRADE**

## **Abbreviation/Code**

## **VEPC**

## **Endorsement/Employment Standards**

### ***Foundations of Technology (1)***

***Found Tech 0835***

***TEE***

***001, 007, 013, 014, 015, 016, 017, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications for interim C or E.***

*(1) Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480). In addition, instructors having only endorsements 001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.*

*Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundation of Technology course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.*

### ***Teen Living***

***Tn Liv***

***0839***

***FCS***

***050, 450***

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<b>BT BUSINESS TECHNOLOGY</b>	<b>Abbreviation/Code</b>		<b>VEPC</b>	<b>Endorsement/Employment Standards</b>
<i>Internet Navigation Communication Systems</i>	<i>eBus</i>	<i>3704</i>	<i>BT</i>	<i>031, 034, 037, 041, 055, 056, 057, 201, 203, 204, 311, 430, 433, 434, 435, 436, 474, 475</i>
<i><u>NOW</u> eBusiness Communication Business Management</i>	<i>Bus Mgt</i>	<i>3707</i>	<i>BT</i>	<i>031, 034, 037, 041, 055, 056, 057, 201, 202, 203, 204, 311, 430, 433, 434, 436, 474, 475</i>
<i>Keyboarding</i>	<i>Keybd</i>	<i>3710</i>	<i>BT</i>	<i>032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 434, 435, 436, 474, 475</i>
<i>Document Creation Design <u>NOW</u> Keyboarding/ Document Layout and Design</i>	<i>Doc Design</i>	<i>3727</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Automated Accounting</i>	<i>Auto Acct</i>	<i>3728</i>	<i>BT</i>	<i>030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475</i>
<i>Spreadsheet Applications</i>	<i>Spr Sheet App</i>	<i>3729</i>	<i>BT</i>	<i>030, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475</i>
<i>Information Management Systems <u>NOW</u> Integrated</i>				
<i>Input Technologies</i>	<i>IMS</i>	<i>3730</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>Database Design/Management</i>	<i>Data Mgt</i>	<i>3735</i>	<i>BT</i>	<i>030, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475</i>
<i>Administrative Management</i>	<i>Adm Mgt</i>	<i>3737</i>	<i>BT</i>	<i>037, 041, 054, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Desktop Publishing</i>	<i>DT Pbl</i>	<i>3741</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Interactive Multimedia Presentation</i>	<i>Int Mul Pres</i>	<i>3746</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i><u>HQ</u> - International Business/Marketing (1)</i>	<i>Int Bus Mkt</i>	<i>3750</i>	<i>BT</i>	<i>039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475</i>
<i>(1) International Business/Marketing satisfies one-half credit in Economics</i>				
<i>International Business/Marketing (for Vocational credit)</i>	<i>Int Bus Mkt</i>	<i>3754</i>	<i>BT</i>	<i>039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475</i>
<i>Keyboarding/Document Formatting</i>	<i>KeyDocForm</i>	<i>3775</i>	<i>BT</i>	<i>032, 037, 041, 055, 056, 057, 203, 204, 432, 434, 435, 436, 474, 475</i>
<i>Electronic Commerce/Web Page Design</i>	<i>E-Com</i>	<i>3776</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>Networking Essentials</i>	<i>Net Ess</i>	<i>3778</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>Computer Operating Systems (2)</i>	<i>CompOper</i>	<i>3763</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>(2) If planning to offer student certification, the teacher must have the same Industry Certification.</i>				
<i>Information Technology Foundations (3)</i>	<i>InfoTechFou</i>	<i>3764</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>(3) If planning to offer student certification, the teacher must have the same Industry Certification.</i>				
<i>Accounting I</i>	<i>Acct I</i>	<i>3779</i>	<i>BT</i>	<i>030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475</i>
<i>Accounting II</i>	<i>Acct II</i>	<i>3780</i>	<i>BT</i>	<i>030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475</i>
<i>Career Connections (for Voc credit)</i>	<i>Car Con</i>	<i>3716</i>	<i>BT</i>	<i>034, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 434, 435, 436, 477, 475, 432, 050, 450</i>

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<b>BT BUSINESS TECHNOLOGY</b>	<b>Abbreviation/Code</b>		<b>VEPC</b>	<b>Endorsement/Employment Standards</b>
<i>Financial Planning (for Vocational credit)</i>	<i>Fin Plan</i>	<i>3717</i>	<i>BT</i>	<i>033, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475</i>
<i>Computer Applications (for Vocational credit)</i>	<i>Comp App</i>	<i>3718</i>	<i>BT</i>	<i>037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 432, 434, 435, 436, 474, 475, 477</i>
<b><i>HQ- American Business/Legal Systems (1)</i></b> <i>(1) Satisfies one-half credit in Government</i>	<i>Amer Legal</i>	<i>3719</i>	<i>BT</i>	<i>035, 054, 202, 204, 311, 430, 435, 436, 474, 475</i>
<i>American Business/Legal Systems</i> <i>(for Vocational credit)</i>	<i>Amer Legal</i>	<i>3706</i>	<i>BT</i>	<i>035, 054, 202, 204, 311, 430, 435, 436, 474, 475</i>
<b><i>HQ- Business Economics (2)</i></b> <i>(2) Satisfies one-half credit in Economics</i>	<i>Bus Econ</i>	<i>3755</i>	<i>BT</i>	<i>039, 054, 201, 204, 311, 430, 435, 436, 474, 475</i>
<i>Business Economics (for Vocational credit)</i>	<i>Bus Econ</i>	<i>3751</i>	<i>BT</i>	<i>039, 054, 201, 204, 311, 430, 435, 436, 474, 475</i>
<i>Banking and Finance (for Vocational credit)</i>	<i>Bank Fin</i>	<i>3756</i>	<i>BT</i>	<i>039, 054, 201, 204, 311, 430, 435, 436, 474, 475</i>
<i>Virtual Enterprise International * TM</i> <i>(for Vocational credit)</i>	<i>Vir Ent Int</i>	<i>3757</i>	<i>BT</i>	<i>037, 039, 041, 052, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475</i>
<b><i>HQ – Virtual Enterprise International (3) * TM</i></b> <i>(3) Satisfies one-half credit in Economics</i> <i>*This course is trademarked by the New York City Department of Education and has an associated fee. Prior approval must be obtained from the Marketing consultant as well as requisite training before offering this course.</i>	<i>Vir Ent Int</i>	<i>3762</i>	<i>BT</i>	<i>037, 039, 041, 052, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475</i>
<i>Website – Foundations (4)</i>	<i>Web Found</i>	<i>3758</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, OR 070, 230, 470 with Industry Certification</i>
<i>(4) If planning to offer student certification, the teacher must have the same Industry Certification.</i>				
<i>Webpage Design – Site Designer (5)</i>	<i>Web Site Disg</i>	<i>3759</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, OR 070, 230, 470 with Industry Certification</i>
<i>(5) If planning to offer student certification, the teacher must have the same Industry Certification.</i>				
<i>Webpage Design –eCommerce (6)</i>	<i>Web Des eCom</i>	<i>3760</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, OR 070, 230, 470 with Industry Certification</i>
<i>(6) If planning to offer student certification, the teacher must have the same Industry Certification.</i>				
<i>JAVA</i>	<i>Java Pro</i>	<i>3761</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>Work Based Learning/Supervision Period (7)</i>	<i>WB</i>	<i>3798</i>	<i>BT</i>	<i>Any Information Technology Endorsement</i>
<i>(7) The credit for Work Based Learning is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
<b><i>Special Course Business Technology</i></b>	<b><i>Spec Dr</i></b>	<b><i>(8)</i></b>	<b><i>BT</i></b>	<b><i>Any Information Technology Endorsement</i></b>
<b><i>(8) Prior approval of special courses by the Division of Vocational-Technical Education is required.</i></b>				

#### **VEPC -- Vocational Education Program Classification**

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**TE -- TECHNOLOGY ENGINEERING EDUCATION**   Abbreviation/Code   VEPC   Endorsement/Employment Standards

<i>Diversified Technology I (1)</i>	<i>DT 1</i>	<i>3801</i>	<i>TEE</i>	001, 007, 013, 014, 015, 016, 017, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications for interim C or E.
<i>Diversified Technology II (2)</i>	<i>DT 2</i>	<i>3809</i>	<i>TEE</i>	001, 007, 013, 014, 015, 016, 017, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications for interim C or E.

(1)(2) Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480). In addition, instructors having only endorsements 001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.

Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundation of Technology course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.

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**TE -- TECHNOLOGY ENGINEERING EDUCATION**    Abbreviation/Code    VEPC    Endorsement/Employment Standards

<b><i>Innovations and Inventions</i></b>	<b><i>I &amp; I</i></b>	<b><i>3810</i></b>	<b><i>TEE</i></b>	<p><b><i>001, 007, 013, 014, 015, 016, 017, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T &amp; I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications for interim C or E.</i></b></p> <p><i>Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480). In addition, instructors having only endorsements 001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.</i></p> <p><i>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundation of Technology course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p>
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TE: TECHNOLOGY ENGINEERING EDUCATION    Abbreviation/Code    VEPC    Endorsement/Employment Standards

<b><i>Technological Systems</i></b>	<b><i>Tech Sys</i></b>	<b><i>3811</i></b>	<b><i>TEE</i></b>	<p><b><i>001, 007, 013, 014, 015, 016, 017, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T &amp; I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications for interim C or E.</i></b></p> <p><i>Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480). In addition, instructors having only endorsements 001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.</i></p> <p><i>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundation of Technology course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p>
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TE: TECHNOLOGY ENGINEERING EDUCATION    Abbreviation/Code    VEPC    Endorsement/Employment Standards

<b>Engineering Processes</b>	<b>Eng Pro</b>	<b>3812</b>	<b>TEE</b>	<p><b>001, 007, 013, 014, 015, 016, 017, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T &amp; I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications for interim C or E.</b></p> <p><i>Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480). In addition, instructors having only endorsements 001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.</i></p> <p><i>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundation of Technology course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p>
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**VEPC -- Vocational Education Program Classification**

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.



TE: TECHNOLOGY ENGINEERING EDUCATION    Abbreviation/Code    VEPC    Endorsement/Employment Standards

<b><i>Problems and Solutions in Technology</i></b>	<b><i>PST</i></b>	<b><i>3813</i></b>	<b><i>TEE</i></b>	<p><b><i>001, 007, 013, 014, 015, 016, 017, 070, 101, 105, 211, 212, 214, 230, 400, 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T &amp; I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications for interim C or E.</i></b></p> <p><i>Teachers who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480). In addition, instructors having only endorsements 001, 101, 007, 013, 014, 015, 016, 017, 211, 212, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, or 470 are not required to participate in training. Instructors are required to attend training only one time.</i></p> <p><i>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Foundation of Technology course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p>
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**VEPC -- Vocational Education Program Classification**

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**TEE: TECHNOLOGY ENGINEERING EDUCATION**   Abbreviation/Code   VEPC   Endorsement/Employment Standards

<i>Visual Communications (1)</i>	<i>Vis Comm</i>	<i>3814</i>	<i>TEE</i>	<i>070, 230, 470, 477</i>
<i>Websitel – Foundations (2)</i>	<i>Web Des I</i>	<i>3815</i>	<i>TEE</i>	<i>070, 230, 470, 477 and Certified Internet and Certified Internet Webmaster (CIW)</i>
<i>Web Page Design II – Site Designer</i>	<i>Web Des II</i>	<i>3816</i>	<i>TEE</i>	<i>070, 230, 470, 477 and Certified Internet and Certified Internet Webmaster (CIW)</i>
<i>Web Page Design III – eCommerce</i>	<i>Web Des III</i>	<i>3817</i>	<i>TEE</i>	<i>070, 230, 470, 477 and Certified Internet and Certified Internet Webmaster (CIW)</i>
<i>Principles of Manufacturing</i>	<i>Prin Manuf</i>	<i>3818</i>	<i>TEE</i>	<i>070, 230, 470, 477 and successful completion of PLTW Training</i>
<i>Principles of Machining and Manufacturing</i>	<i>Prin Mac Manu</i>	<i>3819</i>	<i>TEE</i>	<i>070, 230, 470, 477 and successful completion of PLTW Training</i>
<i>Principles of Engineering</i>	<i>Prin Eng</i>	<i>3820</i>	<i>TEE</i>	<i>070, 230, 470, 477 and successful completion of PLTW Training</i>
<i>Digital Electronics</i>	<i>Dig Elect</i>	<i>3821</i>	<i>TEE</i>	<i>070, 230, 470, 477 and successful completion of PLTW Training</i>
<i>Manufacturing Applications</i>	<i>Manuf App</i>	<i>3822</i>	<i>TEE</i>	<i>070, 230, 470, 477 and successful completion of PLTW Training</i>
<i>Engineering Design/CAD</i>	<i>Eng Des</i>	<i>3823</i>	<i>TEE</i>	<i>070, 230, 470, 477 plus American Design and Drafting Association (ADDA) certification.</i>
<i>Computer-Aided Design</i>	<i>Comp Des</i>	<i>3824</i>	<i>TEE</i>	<i>070, 230, 470, 477 plus American Design and Drafting Association (ADDA) certification.</i>
<i>Special Course – Manufacturing Cluster</i>	<i>Sp Crs (1)</i>	<i>3825</i>	<i>TEE</i>	<i>070, 230, 470, 477 plus American Design and Drafting Association (ADDA) certification.</i>
<i>Special Course – Arts and Communication Cluster</i>	<i>Sp Crs (2)</i>	<i>3826</i>	<i>TEE</i>	<i>070, 230, 470, 477 plus American Design and Drafting Association (ADDA) certification,</i>
<p><i>(1) (2) A candidate who holds a Bachelor's degree and a professional occupational license may be issued a professional license endorsed in technology engineering education provided they:</i></p> <ul style="list-style-type: none"> <li><i>Complete the state-approved, five-day training prior to teaching the course.</i></li> <li><i>Complete the approved state Safety Training.</i></li> <li><i>Complete the mentorship program.</i></li> <li><i>Pass the Praxis specialty exam in technology engineering education before beginning to teach any of the courses listed above.</i></li> </ul>				

**VEPC -- Vocational Education Program Classification**

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TEE: TECHNOLOGY ENGINEERING EDUCATION   Abbreviation/Code   VEPC   Endorsement/Employment Standards

<b>Work Based Learning/Supervision Periods(1)</b>	<b>WB</b>	<b>3898</b>	<b>TEE</b>	001, 007, 013, 014, 015, 016, 017, 070, 101,105, 211, 212, 214, 230, 400 401, 402, 407, 413, 414, 415, 416, 417, 470, 477, 480, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079) OR Any T & I teacher who holds a bachelor's degree and a professional occupational license who has completed the state-approved, five-day training and has passed the Praxis Specialty in Technology Engineering prior to teaching the Course.
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(1) The credit for Work Based Learning is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology education provided they: (1) complete the state-approved, five-day training prior to teaching the course, (2) complete the approved state Safety Training (3) complete the mentorship program, (4) pass the Praxis specialty exam in technology engineering education before the end of their first year of teaching, (5) Upon completion of the above and the candidate being rehired by their school system they will be issued a 477 endorsement in technology engineering education.

Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the Current year and has at least two (2) of the following endorsements in technology education may teach any of the courses listed above {042, 043, 044, 045, 046, 047, 077, 078, 079}. This is not a grandfathered area.

Prior approval of special courses by the Division of Vocational-Technical Education is required.

**VEPC -- Vocational Education Program Classification**

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code

VEPC Endorsement/Employment Standards

<b>Special Course - Tech Ed (1) and (2)</b>	<b>Spec Crs(2)</b>	<b>TEE</b>	013, 014, 015, 016, 017, 070, 211, 212, 214, 230, 413, 414, 415, 416, 417, 470, 477, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079)
<p>(1) <i>Teachers who teach this course must hold proper endorsement <u>and</u> have completed the state-approved, five-day training for the courses on the preceding page <u>prior</u> to teaching the course. Instructors having the following endorsements must attend the training: (013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417). In addition, instructors having only endorsements 013, 014, 015, 016, 017, 211, 212, 214, 413, 414, 415, 416, 417, must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors having the endorsements 070, 230, 470 or 477 are not required to participate in training. Instructors are required to attend training only one time.</i></p> <p><i>Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology education provided they: (1) complete a 5-day training in technology-engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Vocational-Technical Education</i></p> <p><i>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach any of the courses listed above. [042, 043, 044, 045, 046, 047, 077, 078, and 079] This is not a grandfathered area</i></p> <p>(2) <i>Prior approval of special courses by the Division of Vocational Technical Education is required.</i></p>			

**VEPC -- Vocational Education Program Classification**

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

# **A10 -- AGRICULTURAL EDUCATION**

## Abbreviation/Code

## VEPC

## Endorsement/Employment Standards

The following codes are to be used when scheduling agricultural education teachers who are not on extended employment.

<b><i>Agricultural Business/Economics</i></b>	<b><i>Ag Bus/Ec</i></b>	<b><i>5100</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Agricultural Mechanics &amp; Maint</i></b>	<b><i>Ag Mech</i></b>	<b><i>5101</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Agricultural Power &amp; Equipment</i></b>	<b><i>Ag Power &amp; Eq</i></b>	<b><i>5102</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Agricultural Sales &amp; Service</i></b>	<b><i>Ag SS</i></b>	<b><i>5103</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Fundamentals of Agriculture</i></b>	<b><i>Fund Ag</i></b>	<b><i>5104</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Advanced Principles of Agriculture</i></b>	<b><i>Adv Prin Ag</i></b>	<b><i>5105</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Aquaculture</i></b>	<b><i>Aqua</i></b>	<b><i>5109</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Crop Science</i></b>	<b><i>Crop Sci</i></b>	<b><i>5111</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Soil and Land Management</i></b>	<b><i>Soil &amp; Lnd Mgt</i></b>	<b><i>5112</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Exterior/Interior Landscaping</i></b>	<b><i>Ext Int Land</i></b>	<b><i>5113</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Floral Design</i></b>	<b><i>Flor</i></b>	<b><i>5114</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Forestry</i></b>	<b><i>Forestry</i></b>	<b><i>5115</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Greenhouse Management</i></b>	<b><i>Greenhouse Mgt</i></b>	<b><i>5117</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Horse Science</i></b>	<b><i>Horse Sci</i></b>	<b><i>5118</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Leadership Development</i></b>	<b><i>Lead Dev</i></b>	<b><i>5119</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>Nursery Production</i></b>	<b><i>Nurs Prod</i></b>	<b><i>5120</i></b>	<b><i>A10</i></b>	<b><i>048, 448</i></b>
<b><i>HQ - Agriscience (1)</i></b>	<b><i>Agrisc</i></b>	<b><i>5121</i></b>	<b><i>A10</i></b>	<b><i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), ( 448 and 449)</i></b>
<i>(1) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life science laboratory credit required for graduation.</i>				
<b><i>Agriscience (for Vocational credit) (2)</i></b>	<b><i>Agrisc</i></b>	<b><i>5131</i></b>	<b><i>A10</i></b>	<b><i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), ( 448 and 449)</i></b>
<i>(2) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may be awarded for one Vocational credit.</i>				

# **VEPC -- Vocational Education Program Classification**

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

**A10 -- AGRICULTURAL EDUCATION****Abbreviation/Code****VEPC****Endorsement/Employment Standards**

The following codes are to be used when scheduling agricultural education teachers who are not on extended employment.

<i>Small Animal Care</i>	<i>Anim Care</i>	<i>5122</i>	<i>A10</i>	<i>048, 448</i>
<i>Turfgrass Management</i>	<i>Turf Mgt</i>	<i>5123</i>	<i>A10</i>	<i>048, 448</i>
<i>Wildlife Management &amp; Recreation</i>	<i>Wild Mgt &amp; Rc</i>	<i>5124</i>	<i>A10</i>	<i>048, 448</i>
<i>Horticulture Technologies</i>	<i>Hort Tech</i>	<i>5125</i>	<i>A10</i>	<i>048, 448</i>
<i>Principles of Veterinary Science</i>	<i>Prin Vet Sci</i>	<i>5126</i>	<i>A10</i>	<i>048, 448</i>
<i>Livestock Management</i>	<i>Live Mgt</i>	<i>5127</i>	<i>A10</i>	<i>048, 448</i>
<i>Principles of Agricultural Engineering</i>	<i>Prin Ag Eng</i>	<i>5128</i>	<i>A10</i>	<i>048, 448</i>
<i>Hydroponics</i>	<i>Hydroponics</i>	<i>5129</i>	<i>A10</i>	<i>048, 448</i>
<i>Supervised Agriculture Experience</i>	<i>Sup Exp</i>	<i>5130</i>	<i>A10</i>	<i>048, 448</i>
<i>Work Based Learning/Supervision Periods (1)</i>	<i>Co-op Supv</i>	<i>5198</i>	<i>A10</i>	<i>048, 448</i>

(1) The credit for Work Based Learning is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

***Special Course-Agricultural Ed***                      ***Spec Crs***                      (2)                      ***A10***                      ***048, 448***

(2) Prior approval of special courses by the Division of Vocational-Technical Education is required.

**VEPC -- Vocational Education Program Classification**

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## A12 -- AGRICULTURAL EDUCATION

### Abbreviation/Code

### VEPC

### Endorsement/Employment Standards

The following codes are to be used when scheduling agricultural education teachers who are on extended employment.

<b><i>Agricultural Business/Economics</i></b>	<b><i>Ag Bus/Ec</i></b>	<b><i>5150</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Agricultural Mechanics &amp; Maint</i></b>	<b><i>Ag Mech</i></b>	<b><i>5151</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Agricultural Power &amp; Equipment</i></b>	<b><i>Ag Power &amp; Eq</i></b>	<b><i>5152</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Agricultural Sales &amp; Service</i></b>	<b><i>Ag SS</i></b>	<b><i>5153</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Fundamentals of Agriculture</i></b>	<b><i>Fund Ag</i></b>	<b><i>5154</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Advanced Principles of Agriculture</i></b>	<b><i>Adv Prin Ag</i></b>	<b><i>5155</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Aquaculture</i></b>	<b><i>Aqua</i></b>	<b><i>5159</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Crop Science</i></b>	<b><i>Crop Sci</i></b>	<b><i>5161</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Soil and Land Management</i></b>	<b><i>Soil &amp; Lnd Mgt</i></b>	<b><i>5162</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Exterior/Interior Landscaping</i></b>	<b><i>Ext Int Land</i></b>	<b><i>5163</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Floral Design</i></b>	<b><i>Flor</i></b>	<b><i>5164</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Forestry</i></b>	<b><i>Forestry</i></b>	<b><i>5165</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Greenhouse Management</i></b>	<b><i>Greenhouse Mgt</i></b>	<b><i>5167</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Horse Science</i></b>	<b><i>Horse Sci</i></b>	<b><i>5168</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Leadership Development</i></b>	<b><i>Lead Dev</i></b>	<b><i>5169</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Nursery Production</i></b>	<b><i>Nurs Prod</i></b>	<b><i>5170</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>HQ - Agriscience (1)</i></b>	<b><i>Agrisc</i></b>	<b><i>5171</i></b>	<b><i>A12</i></b>	<b><i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i></b>
<i>(1) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life Science laboratory credit required for graduation.</i>				
<b><i>Agriscience (for Vocational credit) (2)</i></b>	<b><i>Agrisc</i></b>	<b><i>5182</i></b>	<b><i>A12</i></b>	<b><i>(048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)</i></b>
<i>(2) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may be awarded for one Vocational credit.</i>				

## VEPC -- Vocational Education Program Classification

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**A12 -- AGRICULTURAL EDUCATION****Abbreviation/Code****VEPC****Endorsement/Employment Standards**

<b><i>Small Animal Care</i></b>	<b><i>Anim Care</i></b>	<b><i>5172</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Turfgrass Management</i></b>	<b><i>Turf Mgt</i></b>	<b><i>5173</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Wildlife Management &amp; Recreation</i></b>	<b><i>Wild Mgt &amp; Rc</i></b>	<b><i>5174</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Horticulture Technologies</i></b>	<b><i>Hort Tech</i></b>	<b><i>5175</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Principles of Veterinary Science</i></b>	<b><i>Prin Vet Sci</i></b>	<b><i>5176</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Livestock Management</i></b>	<b><i>Live Mgt</i></b>	<b><i>5177</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Principles of Agricultural Engineering</i></b>	<b><i>Prin Ag Eng</i></b>	<b><i>5178</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Hydroponics</i></b>	<b><i>Hydroponics</i></b>	<b><i>5179</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Supervised Agriculture Experience</i></b>	<b><i>Sup Exp</i></b>	<b><i>5181</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>
<b><i>Work Based Learning/Supervision Periods(1)WB Supv</i></b>		<b><i>5180</i></b>	<b><i>A12</i></b>	<b><i>048, 448</i></b>

(1) The credit for Work Based Learning is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

***Special Course Agricultural Ed***                      ***Spec Crs***                      (2)                      ***A12***                      ***048, 448***

(2) Prior approval of special courses by the Division of Vocational-Technical Education is required.

**VEPC -- Vocational Education Program Classification**

Courses in ***bold italic print within a double lined box*** are vocationally funded course



TI - TRADE AND INDUSTRIAL	Abbreviation/Code	VEPC	Endorsement/Employment Standards
<b><i>Transportation Service Technology</i></b>			
<b><i>Career Management Success</i></b>	Career Mgt 5701	TI	Any vocational endorsement
<b><i>Transportation Core</i></b>	Trans Core 5702	TI	506, 507, 508, 512, 568, 579, 581
<b><i>Aviation Maintenance I</i></b>	Av Maint I 5703	TI	512, 579 and Industry Certification
<b><i>Aviation Maintenance II</i></b>	Av Maint II 5704	TI	512, 579 and Industry Certification
<b><i>Leisure Craft/Small Engine Technology:</i></b>			
<b><i>Systems</i></b>	LC Sm Eng 5705	TI	506, 508, 512, 568, 579, 581
<b><i>Leisure Craft/Small Engine Performance</i></b>	LC:Sm En Perf 5706	TI	506, 508, 512, 568, 579, 581
<b><i>Collision Repair: Non Structural</i></b>	Coll Rep: N S 5707	TI	507 and Industry Certification
<b><i>Collision Repair: Structural</i></b>	Coll Rep: S 5708	TI	507 and Industry Certification
<b><i>Collision Repair: Painting and Refinishing</i></b>	Coll Rep: P R 5709	TI	507 and Industry Certification
<b><i>Automotive: Suspension and Steering</i></b>	Auto: S S 5710	TI	506, 508 and Industry Certification
<b><i>Automotive: Engine Performance</i></b>	Auto: Eng Perf 5711	TI	506, 508 and Industry Certification
<b><i>Automotive: Brake Systems</i></b>	Auto: Brake Sys 5712	TI	506, 508 and Industry Certification
<b><i>Automotive/Electrical/Electronics System</i></b>	Auto: Elec Sys 5713	TI	506, 508 and Industry Certification
<b><i>Diesel: Preventive Maintenance</i></b>	Diesel: Prev Maint 5714	TI	581 and Industry Certification
<b><i>Diesel: Brake Systems</i></b>	Diesel: Brake Sys 5715	TI	581 and Industry Certification
<b><i>Diesel: Suspension and Steering</i></b>	Diesel: S S 5716	TI	581 and Industry Certification
<b><i>Diesel: Electrical/Electronics</i></b>	Diesel: Elec 5717	TI	581 and Industry Certification
<b><i>Diesel: Engine</i></b>	Diesel: Eng 5718	TI	581 and Industry Certification
<b><i>Introduction to Aerospace</i></b>	Intro Aero 5719	TI	594 and Industry Certification
<b><i>Theory of Flight</i></b>	Theory Flgt 5720	TI	594 and Industry Certification
<b><i>Special Course-Transportation Service Technology</i></b>	Spec Crs *	TI	506, 507, 508, 512, 568, 579, 581, 594
* Prior approval of special courses by the Division of Vocational-Technical Education is required.			

**NOTE:** New teachers, receiving an endorsement that requires industry certification and have started teaching, have three years from the school year they begin teaching the course (including that school year) to obtain required industry certification. This would be true regardless of whether the person taught all three years consecutively or not.

#### **VEPC -- Vocational Education Program Classification**

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TI -- TRADE AND INDUSTRIAL	Abbreviation/Code		VEPC	Endorsement/Employment Standards
<b><i>Construction Technology</i></b>				
<b><i>Career Management Success</i></b>	<b><i>Career Mgt</i></b>	<b><i>5701</i></b>	<b><i>TI</i></b>	<b><i>Any vocational endorsement</i></b>
<b><i>Construction Core</i></b>	<b><i>Const Core</i></b>	<b><i>5730</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 522, 523, 524, 527, 532, 553, 554, 555, 556, 567, 575, 580, 584, 585, 592, 598 and industry certification</i></b>
<b><i>Carpentry I</i></b>	<b><i>Car 1</i></b>	<b><i>5731</i></b>	<b><i>TI</i></b>	<b><i>522, 575, 580, 592 and Industry Certification</i></b>
<b><i>Carpentry II</i></b>	<b><i>Car 2</i></b>	<b><i>5732</i></b>	<b><i>TI</i></b>	<b><i>522, 575, 580, 592 and Industry Certification</i></b>
<b><i>Electrical I</i></b>	<b><i>Elect 1</i></b>	<b><i>5733</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 523, 532, 567, 580, 592 and Industry Certification</i></b>
<b><i>Electrical II</i></b>	<b><i>Elect 2</i></b>	<b><i>5734</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 523, 532, 567, 580, 592 and Industry Certification</i></b>
<b><i>Masonry I</i></b>	<b><i>Mas 1</i></b>	<b><i>5735</i></b>	<b><i>TI</i></b>	<b><i>524 and Industry Certification</i></b>
<b><i>Masonry II</i></b>	<b><i>Mas 2</i></b>	<b><i>5736</i></b>	<b><i>TI</i></b>	<b><i>524 and Industry Certification</i></b>
<b><i>Concrete I</i></b>	<b><i>Conc 1</i></b>	<b><i>5737</i></b>	<b><i>TI</i></b>	<b><i>524 and Industry Certification</i></b>
<b><i>Concrete II</i></b>	<b><i>Conc 2</i></b>	<b><i>5738</i></b>	<b><i>TI</i></b>	<b><i>524 and Industry Certification</i></b>
<b><i>Plumbing I</i></b>	<b><i>Plumb 1</i></b>	<b><i>5739</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 527, 567, 580, 592 and Industry Certification</i></b>
<b><i>Plumbing II</i></b>	<b><i>Plumb 2</i></b>	<b><i>5740</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 527, 567, 580, 592 and Industry Certification</i></b>
<b><i>Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) I</i></b>	<b><i>HVAC 1</i></b>	<b><i>5741</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 523, 532, 567, 592, 598 and Industry Certification</i></b>
<b><i>Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) II</i></b>	<b><i>HVAC 2</i></b>	<b><i>5742</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 523, 532, 567, 592, 598 and Industry Certification</i></b>
<b><i>Basic Principles of Welding</i></b>	<b><i>BASICPrinWld</i></b>	<b><i>5786</i></b>	<b><i>TI</i></b>	<b><i>551, 552, 553, 554, 555, 556, 584 OR any other T &amp; I endorsement plus Certified Welding Educator Certification</i></b>
<b><i>Advanced Welding Applications</i></b>	<b><i>Adv Weld App</i></b>	<b><i>5787</i></b>	<b><i>TI</i></b>	<b><i>551, 552, 553, 554, 555, 556, 584 OR any other T &amp; I endorsement plus Certified Welding Educator Certification</i></b>

#### VEPC -- Vocational Education Program Classification

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TI - TRADE AND INDUSTRIAL	<u>Abbreviation/Code</u>		<u>VEPC</u>	<u>Endorsement/Employment Standards</u>
<b><i>Engineering Design/CAD</i></b>	<b><i>Eng Des</i></b>	<b><i>5788</i></b>	<b><i>TI</i></b>	<b><i>551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585 OR any other T &amp; I endorsement plus ADDA certification OR 595, 596 plus ADDA certification or successful completion of PLTW training</i></b>
<b><i>Computer-Aided Design</i></b>	<b><i>Comp Des</i></b>	<b><i>5789</i></b>	<b><i>TI</i></b>	<b><i>551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585 OR any other T &amp; I endorsement plus ADDA certification OR 595, 596 plus ADDA certification</i></b>
<b><i>Special Course - Construction Technology</i></b>	<b><i>Spec Crs</i></b>	<b><i>*</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 522, 523, 524, 527, 531, 532, 551, 552, 553, 554, 555 556, 567, 575, 580, 584, 585, 592, 598 OR 595*, 596* plus ADDA certification</i></b>
* Prior approval of special courses by the Division of Vocational-Technical Education is required.				

#### **VEPC - Vocational Education Program Classification**

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TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

VEPC

Endorsement/Employment Standards

***Arts and Communication Cluster***

<b><i>Career Management Success</i></b>	<b><i>Career Mgt</i></b>	<b><i>5701</i></b>	<b><i>TI</i></b>	<b><i>Any Vocational endorsement</i></b>
<b><i>Information Technology Infrastructure</i></b>	<b><i>Info Tech</i></b>	<b><i>5755</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475, and Industry Certification OR 582 Or 595 and Industry Certification</i></b>
<b><i><u>NOW</u> Information Technology Foundations</i></b>				
<b><i>Computer Architecture</i></b>	<b><i>Comp Arch</i></b>	<b><i>5756</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475 Industry Certification OR 582, OR 595 and Industry Certification</i></b>
<b><i><u>NOW</u> Computer Operating Systems and Hardware</i></b>				
<b><i>Network Architecture <u>NOW</u> Networking</i></b>	<b><i>Network</i></b>	<b><i>5757</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475 Industry Certification OR 582, OR 595 and Industry Certification</i></b>
<b><i>Cabling Technology</i></b>	<b><i>Cab Tech</i></b>	<b><i>5758</i></b>	<b><i>TI</i></b>	<b><i>475, 501, 502, 523, 532, 537, 567, 578, 582, 595</i></b>
<b><i>Visual Art and Design</i></b>				
<b><i><u>NOW</u> Visual Communications</i></b>	<b><i>Vis Comm</i></b>	<b><i>5759</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475, 516, 519, 520, 521, 537, 538, 543, 576, 582, 583, 595</i></b>
<b><i>Graphic Communications</i></b>	<b><i>Gra Comm I</i></b>	<b><i>5760</i></b>	<b><i>TI</i></b>	<b><i>516, 519, 520, 521, 543, 576, 583</i></b>
<b><i><u>NOW</u> Graphic Communications I</i></b>				
<b><i>Graphic Communications Production</i></b>	<b><i>Gra Comm II</i></b>	<b><i>5761</i></b>	<b><i>TI</i></b>	<b><i>543, 583</i></b>
<b><i><u>NOW</u> Graphic Communications II</i></b>				
<b><i>Graphic Design and Digital Imaging</i></b>	<b><i>Dig Des Imag</i></b>	<b><i>5762</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475, 516, 519, 520, 521, 543, 583</i></b>
<b><i><u>NOW</u> Digital Design and Imaging</i></b>				
<b><i>Media Concepts</i></b>	<b><i>Med Conc</i></b>	<b><i>5763</i></b>	<b><i>TI</i></b>	<b><i>576, 597</i></b>
<b><i>Electronic Media Production</i></b>	<b><i>Elec Media Pro</i></b>	<b><i>5764</i></b>	<b><i>TI</i></b>	<b><i>576, 597</i></b>
<b><i>Electronic Media Management</i></b>	<b><i>ElecMedMgt</i></b>	<b><i>5765</i></b>	<b><i>TI</i></b>	<b><i>576, 597</i></b>
<b><i>And Operations</i></b>				

VEPC -- Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL

	<u>Abbreviation/Code</u>		<u>VEPC</u>	<u>Endorsement/Employment Standards</u>
<b><i>Web Page Design 1</i></b>				
<b><i>NOW Web Site I - Foundations</i></b>	<b><i>Web I Found</i></b>	<b><i>5766</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475, and Certified Internet Webmaster (CIW) Certification, OR 516, 519, 582, 583, OR 595, and Certified Internet Webmaster (CIW) certification</i></b>
<b><i>Web Page Design II</i></b>				
<b><i>NOW Web Page Design II – Site Designer</i></b>	<b><i>Web Des II</i></b>	<b><i>5767</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475, and Certified Internet Webmaster (CIW) Certification, OR 516, 519, 582, 583, OR 595, and Certified Internet Webmaster (CIW) certification.</i></b>
<b><i>Web Page Design III – eCommerce</i></b>	<b><i>Web Des III</i></b>	<b><i>5769</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475, and Certified Internet Webmaster (CIW) Certification, OR 516, 519, 582, 583, OR 595, and Certified Internet Webmaster (CIW) certification</i></b>
<b><i>Special Course - Arts and Communication</i></b>		<b><i>*</i></b>	<b><i>TI</i></b>	<b><i>311, 435, 436, 475, and Industry Certification, OR 501, 502, 516, 519, 520, 521, 523, 537, 538, 543, 567, 576, 578, 582, 583, OR 595, (1) 597 (2) and Industrial Certification</i></b>
* <i>Prior approval of special courses by the Division of Vocational-Technical Education is required.</i>				

VEPC -- Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL	Abbreviation/Code		VEPC	Endorsement/Employment Standards
<u>Manufacturing Cluster</u>				
Career Management Success	Career Mgt	5701	TI	Any vocational endorsement
Programming and Logic	Prog Logic	5780	TI	501, 502, 531, 537, 551, 552, 553, 554, 555, 556, 567, 575, 582, 584, 585, 595, 596 or successful completion of PLTW training.
Principles of Manufacturing	Prin Manuf	5781	TI	531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596 or successful completion of PLTW Training.
Principles of Machining and Manufacturing	Prin Mc Manuf	5782	TI	531, 551, 552, 553, 554, 555, 556, 575, 584, 585, 596 or successful completion of PLTW Training
Digital Electronics	Dig Elect	5783	TI	501, 502, 537, 551, 552, 553, 554, 555, 556, 582, 584, 585, 596 or successful completion of PLTW Training.
Principles of Engineering	Prin Eng	5784	TI	531, 551, 552, 553, 575, 582, 596 or successful completion of PLTW Training.
Manufacturing Applications	Manuf App	5785	TI	551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596 or successful completion of PLTW Training.
Basic Principles of Welding	Prin Weld	5786	TI	551, 552, 553, 554, 555, 556, 584 OR any T & I endorsement Plus Certified Welding Educator Certification
Advanced Welding Applications	Weld App	5787	TI	551, 552, 553, 554, 555, 556, 584 OR any T & I endorsement plus Certified Welding Educator Certification
Engineering Design/CAD				
<u>NOW</u> Computer Aided Drafting	Eng Des	5788	TI	551, 552, 553 plus ADDA certification OR 531, 554, 555, 556 584, 585, OR any other T&I endorsement plus ADDA certification, or successful completion of PLTW training
Computer-Aided Design				
<u>NOW</u> Advanced Computer Aided Drafting	Comp Des	5789	TI	551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585 OR any other T&I endorsement plus ADDA certification OR 595, 596 plus ADDA certification

#### VEPC -- Vocational Education Program Classification

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TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

VEPC

Endorsement/Employment Standards

<b><i>Special Course - Manufacturing Cluster</i></b>	<b><i>Special Crs</i></b>	<b><i>*</i></b>	<b><i>TI</i></b>	<b><i>501, 502, 531, 551, 552, 553, 554, 555, 556, 567, 575, 582, 584, 585, OR 596 plus American Design and Drafting Association (ADDA) certification</i></b>
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\* *Prior approval of special courses by the Division of Vocational-Technical Education is required.*

**VEPC -- Vocational Education Program Classification**

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**TI -- TRADE AND INDUSTRIAL**
**Abbreviation/Code**
**VEPC**
**Endorsement/Employment Standards**
**Human Services**

<b><i>Legal and Protective Service Careers I NOW Criminal Justice I</i></b>	<b><i>Crim Jus I</i></b>	<b><i>5330</i></b>	<b><i>TI</i></b>	<b><i>586, 590</i></b>
<b><i>Legal and Protective Service Careers II NOW Criminal Justice II</i></b>	<b><i>Crim Jus II</i></b>	<b><i>5331</i></b>	<b><i>TI</i></b>	<b><i>586, 590</i></b>
<b><i>Legal and Protective Service Careers III NOW Criminal Justice III</i></b>	<b><i>Crim Jus III</i></b>	<b><i>5342</i></b>	<b><i>TI</i></b>	<b><i>586, 590</i></b>
<b><i>Legal and Protective Service Careers II/III NOW Criminal Justice II/III</i></b>	<b><i>CrimJusII/III</i></b>	<b><i>5343</i></b>	<b><i>TI</i></b>	<b><i>586, 590</i></b>
<b><i>Principles of Cosmetology</i></b>	<b><i>Prin of Cos</i></b>	<b><i>5338</i></b>	<b><i>TI</i></b>	<b><i>561 Tennessee Cosmetology Instructor License</i></b>
<b><i>Design Principles of Cosmetology</i></b>	<b><i>Dsgn of Cos</i></b>	<b><i>5339</i></b>	<b><i>TI</i></b>	<b><i>561 Tennessee Cosmetology Instructor License</i></b>
<b><i>Chemistry of Cosmetology</i></b>	<b><i>Chemof Cos</i></b>	<b><i>5340</i></b>	<b><i>TI</i></b>	<b><i>561 Tennessee Cosmetology Instructor License</i></b>
<b><i>Cosmetology II/III</i></b>	<b><i>Cosmty 2/3</i></b>	<b><i>5341*</i></b>	<b><i>TI</i></b>	<b><i>561 Tennessee Cosmetology Instructor License</i></b>

\* Use this code for classes where students in Design Principles of Cosmetology and Chemistry of Cosmetology are scheduled in the same class period.

**Special Course - Human Services**      **Spec Crs**      **\*\***      **TI**      **586, 590, 561**

\*\* Prior approval of special courses by the Division of Vocational-Technical Education is required.

**Cooperative Education**
**T & I Work Based Learning**
**Supervision Periods**
**WB Supv**
**5398**
**TI**
**104 or any Occupational Endorsement, excluding endorsement 577**

The credit for Work Based Learning is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

**VEPC -- Vocational Education Program Classification**

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TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

VEPC

Endorsement/Employment Standards

***Hospitality and Tourism***

<b><i>Foundations of Hospitality Industry</i></b>	<b><i>Fond Hosp In</i></b>	<b><i>5380</i></b>	<b><i>TI</i></b>	<b><i>562, 563, 564, 566</i></b>
<b><i>Culinary Arts I</i></b>	<b><i>Cul Arts I</i></b>	<b><i>5381</i></b>	<b><i>TI</i></b>	<b><i>562, 563, 564, 566 and Industry Certification</i></b>
<b><i>Culinary Arts II</i></b>	<b><i>Cul Arts II</i></b>	<b><i>5382</i></b>	<b><i>TI</i></b>	<b><i>562, 563, 564, 566 and Industry Certification</i></b>
<b><i>Culinary Arts III</i></b>	<b><i>Cul Arts III</i></b>	<b><i>5383</i></b>	<b><i>TI</i></b>	<b><i>562, 563, 564, 566 and Industry Certification</i></b>
<b><i>Culinary Arts II/III (1)</i></b>	<b><i>Cul Arts II/III *</i></b>	<b><i>5384</i></b>	<b><i>TI</i></b>	<b><i>562, 563, 564, 566 and Industry Certification</i></b>
<i>* Use this code for classes where students in levels II and III are scheduled in the same class period.</i>				
<b><i>Special Course - Hospitality and Tourism</i></b>	<b><i>Spec Crs</i></b>	<b><i>**</i></b>	<b><i>TI</i></b>	<b><i>562, 563, 564, 566</i></b>
<b><i>Special Course - T and I</i></b>	<b><i>Spec Crs</i></b>	<b><i>**</i></b>	<b><i>TI</i></b>	<b><i>Any Occupational Endorsement, excluding endorsement 577</i></b>

***\*\* Prior approval of special courses by the Division of Vocational-Technical Education is required.***

VEPC -- Vocational Education Program Classification

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

TI--TRADE AND INDUSTRIAL

Abbreviation/Code

VEPC

Endorsement /Employment Standards

***Jobs for Tennessee Graduates***

***JTG***

***5371***

***TI***

***591, Any Vocational Endorsement***

*Schools must be pre-approved by the Division of Vocational-Technical Education to offer this course.*

VEPC--Vocational Education Program Classification

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**HS -- HEALTH SCIENCE EDUCATION****Abbreviation/Code****VEPC****Endorsement/Employment Standards**

Teachers who receive the 577 endorsement must hold a medical license issued by Tennessee Health Related Boards and have attended state approved training.

**Support Services** **SS** **5500** **HS** **577**

**Clinical Internship(1)** **C I** **5501** **HS** **577**

(1) Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour work-based learning training and internship or the state-approved course equivalent and 16 hours of biennial Clinical Internship Training.

**Rehabilitative Therapies** **RT** **5503** **HS** **577**

**Health Science Education** **HS** **5504** **HS** **577**

**Health Infomatics** **HI** **5505** **HS** **577**

**Medical Therapeutics** **MT** **5506** **HS** **577**

**Nursing Education (2)** **NE** **5507** **HS** **577**

(2) Teachers who teach this course must be properly endorsed, and per federal guidelines, be a registered nurse and have worked in a long-term health care facility for a minimum of one year. They must also have completed two days of biennial state approved Nursing Education training and 16 hours of biennial Clinical Internship Training and the state-approved 40 hour work-based learning training and internship or the state-approved course equivalent. This course requires prior approval by the Tennessee Department of Health.

**HQ Health Science Anatomy and Physiology(3)Ant/Phys** **5509** **HS** **577**

(3) This course may satisfy one of the science credits required for graduation.

**Health Science Anatomy and Physiology (4)** **Ant/Phys** **5512** **HS** **577**

**Biomedical Application** **BA** **5513** **HS** **577**

**Forensic Science** **FS** **5514** **HS** **577**

(4) This course may be offered for one vocational credit.

**Emergency Medical Services** **Em Md Serv** **5510** **HS** **577**

**Diagnostic Medicine** **Diag Med** **5511** **HS** **577**

**Work Based Learning/Supervision Periods(5)** **WB Supv** **5598** **HS** **577**

(5) The credit for Work Based Learning is awarded in the appropriate related Health Science course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

**Special Course Health Science Education** **Spec Crs** **(6)** **HS** **577**

(6) Prior approval of special courses by the Division of Vocational-Technical Education is required.

**VEPC - Vocational Education Program Classification**

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**FCS -- FAMILY AND CONSUMER SCIENCES EDUCATION** Abbreviation/Code VEPC Endorsement/Employment Standards

<b>Adult Living</b>	<b>Adult Liv</b>	<b>5600</b>	<b>FCS</b>	<b>050, 450</b>
<b>Child Development</b>	<b>Child Dev</b>	<b>5601</b>	<b>FCS</b>	<b>050, 450</b>
<b><u>HQ - Consumer Economics (1)</u></b>	<b>Con Ec</b>	<b>5602</b>	<b>FCS</b>	<b>050, 450</b>
(1) <i>Consumer Economics satisfies one-half credit in economics required for graduation</i>				
<b>Consumer Economics (for Vocational credit)</b>	<b>Cons Ec</b>	<b>5605</b>	<b>FCS</b>	<b>050, 450</b>
<b>Family &amp; Consumer Sciences</b>	<b>Fam &amp; Con Sc</b>	<b>5603</b>	<b>FCS</b>	<b>050, 450</b>
<b>Family and Parenting Education</b>	<b>Fam Par Ed</b>	<b>5606</b>	<b>FCS</b>	<b>050, 450</b>
<b>Housing &amp; Interior Design</b>	<b>H &amp; Int Des</b>	<b>5607</b>	<b>FCS</b>	<b>050, 450</b>
<b>Interpersonal Communications</b>	<b>Int CommI</b>	<b>5608</b>	<b>FCS</b>	<b>050, 450</b>
<b>Nutrition and Foods</b>	<b>Nutr Food</b>	<b>5609</b>	<b>FCS</b>	<b>050, 450</b>
<b>Textiles and Apparel</b>	<b>Tex &amp; App</b>	<b>5612</b>	<b>FCS</b>	<b>050, 450</b>
<b><u>HQ - Nutrition Science (2)</u></b>	<b>Nutr Sci</b>	<b>5615</b>	<b>FCS</b>	<b>(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)</b>
(2) <i>Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation.</i>				
<b>Nutrition Science(3) (for vocational credit)</b>	<b>Nutr Sci</b>	<b>5617</b>	<b>FCS</b>	<b>(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)</b>
(3) <i>Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course.</i>				
<b><u>HQ - Nutrition Science(4)</u></b>	<b>Nutr Sci</b>	<b>5616</b>	<b>FCS</b>	<b>050, 450</b>
(4) <i>Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor. This course satisfies either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher) required for graduation. The team teachers should be assigned to the same group of Nutrition Science students.</i>				

**VEPC - Vocational Education Program Classification**

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**FCS -- FAMILY AND CONSUMER SCIENCES EDUCATION** Abbreviation/Code VEPC Endorsement/Employment Standards

<b>Nutrition Science(1) (for vocational credit)</b>	<b>Nutr Sci</b>	<b>5618</b>	<b>FCS</b>	<b>050, 450</b>
(1) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor.				
<b>Career Connections</b>	<b>Car Con</b>	<b>5620</b>	<b>FCS</b>	<b>050, 450</b>
<b>Teen Learning Center Director(2)</b>	<b>TLC Dir</b>	<b>5649</b>	<b>FCS</b>	<b>002, 050, 058, 403, 450, 451, 465, 497</b>
(2) Use of this code is for those individuals who direct a secondary Teen Learning Center that must be operated in conjunction with Teen Parenting and for Early Childhood Education Careers classes. No students should be assigned to this code.				
<b>Work Based Learning/Supervision Periods(3)</b>	<b>WB</b>	<b>5697</b>	<b>FCS</b>	<b>050. 450</b>
(3) The credit for Work Based Learning is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.				
<b>Special Course--Fam &amp; Con Sc</b>	<b>Spec Crs</b>	<b>(4)</b>	<b>FCS</b>	<b>050, 450</b>
(4) Prior approval of special courses by the Division of Vocational-Technical Education is required.				

**VEPC -- Vocational Education Program Classification**

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

Courses in ***bold italic print within a double lined box*** are vocationally funded courses.

**FCSO -- FAMILY & CONSUMER SCIENCES OCCUPATIONAL EDUCATION** Abbreviation/Code

VEPC

Endorsement/Employment Standards

<b>Early Childhood Education Careers I</b>	<b>Early Child I</b>	<b>5650</b>	<b>FCSO</b>	<b>(050 and 058), (050 and 451), (450 and 058), (450 and 451)</b>
<b>Early Childhood Education Careers II</b>	<b>Early Child II</b>	<b>5660</b>	<b>FCSO</b>	<b>(050 and 058), (050 and 451), (450 and 058), (450 and 451)</b>
<b>Early Childhood Education Careers III</b>	<b>Early Child III</b>	<b>5661</b>	<b>FCSO</b>	<b>(050 and 058), (050 and 451), (450 and 058), (450 and 451)</b>
<b>Early Childhood Education Careers II / III (1)</b>	<b>Early Child II/III</b>	<b>5662</b>	<b>FCSO</b>	<b>(050 and 058), (050 and 451), (450 and 058), (450 and 451)</b>
<i>(1) Use this code for classes where student in levels II and III are scheduled in the same class period.</i>				
<b>Foundations of the Hospitality Industry</b>	<b>Found Hosp Ind</b>	<b>5655</b>	<b>FCSO</b>	<b>(050 and 060), (050 and 453), (450 and 060), (450 and 453)</b>
<b>Culinary Arts I</b>	<b>Cul Arts I</b>	<b>5656</b>	<b>FCSO</b>	<b>(050 and 060), (050 and 453), (450 and 060), (450 and 453)</b>
<b>Culinary Arts II</b>	<b>Cul Arts II</b>	<b>5657</b>	<b>FCSO</b>	<b>(050 and 060), (050 and 453), (450 and 060), (450 and 453)</b>
<b>Culinary Arts III</b>	<b>Cul Arts III</b>	<b>5658</b>	<b>FCSO</b>	<b>(050 and 060), (050 and 453), (450 and 060), (450 and 453)</b>
<b>Culinary Arts II/III (2)</b>	<b>Cul Arts II/III</b>	<b>5659</b>	<b>FCSO</b>	<b>(050 and 060), (050 and 453), (450 and 060), (450 and 453)</b>
<i>(2) Use this code for classes where students in levels II and III are scheduled in the same class period</i>				
<b>Work Based Learning/Supervision Periods (3)</b>	<b>WB Supv</b>	<b>5698</b>	<b>FCSO</b>	<b>058, 059, 060, 061, 062, 451, 452, 453</b>
<i>(3) The credit for Work Based Learning is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
<b>Special Course -- Fam &amp; Con Sc-Occ</b>	<b>Spec Crs</b>	<b>(4)</b>	<b>FCSO</b>	<b>058, 059, 060, 061, 062, 451, 452, 453</b>
<i>(4) Prior approval of special courses by the Division of Vocational-Technical Education is required.</i>				

**VEPC -- Vocational Education Program Classification**

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**TP -- TECHNOLOGY PREPARATION****Abbreviation/Code****VEPC****Endorsement/Employment Standards*****HQ - English IV: Communication For Life (1)******Eng Comm 3007******TP******007, 407***

(1) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. This course satisfies either the English III or the English IV credit required for graduation. Changes to course title and standards for Applied Communication were approved by SBE October 2003.

***HQ - Math for Technology I (2)******MT I******3114******TP******013, 413***

(2) Teachers who teach this course must hold proper endorsement and have attended the state-approved five-day training.

***HQ - Technical Algebra (3)******TA II******3123******TP******013, 413***

(3) Teachers who teach this course must hold proper endorsement and have attended the state-approved, three-day training in addition to the Math for Technology I training. Previous experience in teaching Math for Technology I is recommended. This course may substitute for Algebra I.

***HQ- Technical Geometry(4)******TG******3122******TP******013, 413***

(4) Teachers who teach this course must hold proper endorsements and have attended the state-approved, five day training.

***HQ - Principles of Technology I (5)******PT I******3220******TP******016, 017, 212, 214, 414, 416, 417***

(5) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. This may substitute for one of the physical science credits required for graduation.

***Principles of Technology I (6)******PT I******3222******TP******016, 017, 212, 214, 414, 416, 417***

(for vocational credit)

(6) Teachers who teach this course must hold proper endorsement and have attended the state- approved, five-day training. This course may be offered for one vocational credit.

***HQ - Principles of Technology II (7)******PT II******3256******TP******016, 017, 212, 214, 414, 416, 417***

(7) Teachers who teach this course must hold proper endorsement and have attended the Principles of Technology I state-approved, five-day training. This course satisfies one science credit required for graduation. The completion of Principles of Technology I and II is equivalent to Physics I.

***Principles of Technology II (7)******PT II******3262******TP******016, 017, 212, 214, 414, 416, 417***

(for vocational credit)

(7) Teachers who teach this course must hold proper endorsement and have attended the Principles of Technology I state-approved, five-day training. This course may be offered for one vocational credit.

***HQ - Biology for Technology (8)******Bio Tech******3258******TP******015, 211, 415***

(8) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. Biology for Technology may substitute for one of the life science credits required for graduation, equivalent to Biology I for college entrance.

***Special Course - Tech Prep******Spec Crs******(9) TP***

(9) Prior approval of special courses by the Division of Vocational-Technical Education is required.

**VEPC -- Vocational Education Program Classification**

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ME -- MARKETING EDUCATION	Abbreviation/Code	VEPC	Endorsement/Employment Standards	
<b><u>HQ</u> - Marketing &amp; Management I - Principles</b>	<b>Market 1</b>	<b>5000</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Marketing &amp; Management I Principles</b> <i>(for Vocational credit)</i>	<b>Market 1</b>	<b>5030</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Marketing &amp; Management II - Advanced Strategies</b>	<b>Market 2</b>	<b>5001</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Travel &amp; Tourism Operations</b>	<b>Travel</b>	<b>5003</b>	<b>ME</b>	<b>052, 471, 472</b>
<b><u>HQ</u> - Services Marketing</b>	<b>Serv Mkting</b>	<b>5004</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Services-Marketing</b> <i>(for Vocational credit)</i>	<b>Serv-Mkting</b>	<b>5034</b>	<b>ME</b>	<b>052, 471, 472</b>
<b><u>HQ</u> - Entrepreneurship</b>	<b>Entrepren</b>	<b>5005</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Entrepreneurship</b> <i>(for Vocational credit)</i>	<b>Entrepren</b>	<b>5035</b>	<b>ME</b>	<b>052, 471, 472</b>
<b><u>HQ</u> - Financial Services Marketing</b>	<b>Finance</b>	<b>5006</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Financial Services Marketing</b> <i>(for Vocational credit)</i>	<b>Finance</b>	<b>5036</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Technology in Marketing/Technical Marketing</b>	<b>Tech Mkting</b>	<b>5011</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Exploration of Marketing &amp; Management</b>	<b>Mkting</b>	<b>5014</b>	<b>ME</b>	<b>052, 471, 472</b>
<b><u>HQ</u> - International Business &amp; Marketing</b>	<b>International</b>	<b>5015</b>	<b>ME</b>	<b>039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472</b>
<b>International Business &amp; Marketing</b> <i>(for Vocational credit)</i>	<b>International</b>	<b>5045</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Advertising &amp; Public Relations</b>	<b>Advertising</b>	<b>5016</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Marketing Information Management/ Marketing Research and Analysis</b>	<b>Market Inf</b>	<b>5017</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>VEPC -- Vocational Education Program Classification</b>				
Courses in <b><i>bold italic print within a double lined box</i></b> are vocationally funded courses.				



<b>ME -- MARKETING EDUCATION</b>	<b>Abbreviation/Code</b>		<b>VEPC</b>	<b>Endorsement/Employment Standards</b>
<b>Sales Management</b>	<b>Sales Mgt</b>	<b>5018</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Organizational Leadership</b>	<b>Org Lead</b>	<b>5019</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>HQ – Wholesale Operation/Wholesale Logistics Operation</b>	<b>Wholesale</b>	<b>5020</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Wholesale Operation</b> (for Vocational credit)	<b>Wholesale</b>	<b>5050</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>HQ – Retail Operation</b>	<b>Retail</b>	<b>5022</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Retail Operation</b> (for Vocational credit)	<b>Retail</b>	<b>5052</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Sports and Entertainment Marketing</b>	<b>Sports &amp; Ent</b>	<b>5023</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Foundations of the Hospitality Industry</b>	<b>Fnd Hosp Ind</b>	<b>5025</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Lodging Operations/Hospitality Management</b>	<b>Hosp Manag</b>	<b>5026</b>	<b>ME</b>	<b>052, 471, 472</b>
<b>Virtual Enterprise International*™</b> (for Vocational credit) (Counts towards Marketing Concentration)	<b>Vir Ent Int</b>	<b>3757</b>	<b>ME</b>	<b>052, 471, 472, 037, 039, 041, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 475</b>
<b>HQ Virtual Enterprise International*™</b> (Counts towards Marketing Concentration)	<b>Vir Ent Int</b>	<b>3762</b>	<b>ME</b>	<b>052, 471, 472, 037, 039, 041, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 475</b>
<b>Work Based Learning/Supervision Periods(1)</b>	<b>WB</b>	<b>5098</b>	<b>ME</b>	<b>052, 471, 472</b>
(1) The credit for Work Based Learning is awarded in the appropriate related vocational course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.				
<b>Special Course – Marketing</b>	<b>Spec Crs</b>	<b>(2)</b>	<b>ME</b>	<b>052, 471, 472</b>
(2) Prior approval of special courses by the Division of Vocational-Technical Education is required.				
<b>NOTE:</b> Codes 3762, 5000, 5004, 5005, 5006, 5015, 5020, and 5022 meets the criteria and standards to substitute for the economics ½ credit required for graduation for both the regular and honors diplomas.				
<b>*Virtual Enterprise courses (3757 and 3762) are trademarked by the New York City Department of Education and have an associated fee. Prior approval must be obtained from the marketing consultant as well as requisite training before offering this course.</b>				

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